



Moplen RP2965

Polypropylene, Random Copolymer

Product Description

Moplen RP2965 is a polypropylene random copolymer.

Moplen RP2965 is suitable for injection moulding applications and can also be used in technical compounds.

It has a medium melt flow rate and it is supplied in pelletized form.

For regulatory information please refer to Moplen RP2965 Product Stewardship Bulletin (PSB).

Moplen RP2965 is not intended for medical and pharmaceutical applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Chemical Resistance, Good Creep Resistance , Low Flow , Good Heat Resistance, Good Stiffness , Good Toughness

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.9	g/cm ³
Melt flow rate (MFR) (230°C/5.0kg)	ISO 1133	20	g/10 min
Mechanical			
Tensile Stress at Break	ISO 527-1, -2	22.6	N/mm ²
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	35.4	N/mm ²
Tensile Strain at Break	ISO 527-1, -2	630	%
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	8.4	%
Flexural modulus	ISO 178	1430	N/mm ²
Impact			
Charpy notched impact strength (23°C)	ISO 179	2.9	kJ/m ²
Thermal			
Melting temperature	DSC	153	°C

Notes

Typical properties; not to be construed as specifications.